

US Army Corps of Engineers



NEW YORK DISTRICT

FY2014 - FY2018 DREDGING PROGRAM



US Army Corps of Engineers BUILDING STRONG



Overview:

- Dredging Schedule
- Maintenance Dredging Projects
- Deepening Projects
- Other Projects

FY14 O&M Dredging Program

LEGEN	D
	Hopper Mechanical
	Pipeline

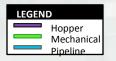
		Quantity	Placement				SB	Env.	2013			2	014			
Project	Dredge Type	(CY)	Site	Advertise	Bid Opening	Award	Set -Aside (Y/ N)	No-Work Windows	OCT NOV DEC	JAN FE	B MAR	APR	1UL YAN	JUL	AUG	SEI
Maintenance Dredgi	ng															
Fire Island, NY	Pipeline	1,909,000	Beach	25-Feb-13	2-Jul-13	16-Jul-13	N	4/15 – 8/15								
NY Harbor: Red Hook Flats Anch	Mechanical	970,000	HARS	19-Jun-13	16-Jul-13	8-Aug-13	N	2/1 – 5/31								
NY/NJ Chan: Ward Pt, AK & Seguine Pt	Mechanical	713,000	Upland & HARS	29-Apr-13	6-Jun-13	13-Aug-13	N	2/1 – 7/31								
NY Harbor: Sandy Hook	Mechanical	230,000	HARS	2-Aug-13	6-Sep-13	17-Sep-13	N	1/15 – 3/31								
Jones Inlet, NY	Pipeline	650,000	Beach	9-Aug-13	23-Sep-13	27-Sep-13	N	3/31 – 9/30								
LI Intracoastal Waterway, NY	Pipeline	30,000	Beach	8-Oct-13	8-Nov-13	20-Nov-13	Υ	1/15 – 9/30								
Great Kills Harbor, NY	Pipeline	250,000	Beach	31-Oct-13	30-Nov-13	15-Dec-14	N	1/1 – 5/31								
Bay Ridge & Red Hook Channel	Mechanical	125,000	HARS	28-Jul-14	27-Aug-14	10-Sep-14	N	TBD								
Browns Creek, NY	Pipeline	20,000	Upland	17-Aug-14	16-Sep-14	30-Sep-14	Υ	6/1 – 9/30								I
Great South Bay, NY	Pipeline	100,000	Beach	7-Jan-14	6-Feb-14	20-Feb-14	Υ	1/15 – 9/30								
Lake Montauk Harbor, NY	Pipeline	15,000	Beach	17-Aug-14	16-Sep-14	30-Sep-14	Υ	1/15 – 9/30								
Cheesequake Creek, NJ	Mechanical	10,000	Upland	6-Aug-14	5-Sep-14	19-Sep-14	Υ	TBD								
Newark Bay, NJ	Mechanical	200,000	Upland	25-Feb-14	27-Mar-14	10-Apr-14	N	2/1 – 5/31								
Raritan Riv to Arthur Kill Cutoff	Mechanical	270,000	HARS	16-Jan-14	18-Feb-14	18-Mar-14	N	TBD								
Raritan Riv, NJ	Mechanical	178,000	Upland	27-Apr-14	27-May-14	10-Jun-14	N	11/15 – 6/30								
Sandy Hook Bay at Leonardo, NJ	Pipeline/ Mechanical	45,000	Upland	17-Aug-14	16-Sep-14	30-Sep-14	Y	TBD								
Shark River, NJ	Pipeline	187,000	Beach	3-Aug-14	2-Sep-14	15-Sep-14	Υ	1/15-5/31								1
Shoal Harbor & Compton Creek, NJ	Pipeline	150,000	Upland	15-Nov-13	15-Dec-13	29-Dec-13	Y	11/1 – 5/31								
Shrewsbury River, NJ	Pipeline	120,000	Beach	3-May-14	2-Jun-14	16-Jun-14	Υ	1/1 – 5/31								
Hudson River, NY N. Germantown	Hopper	186,000	Upland	7-May-12	29-Jun-12	7-Aug-12	N	3/1 – 8/15	—							
Hudson River, NY	Hopper	270,000 – 270,000	Upland	17-Jun-14	17-Jul-14	1-Aug-14	N	3/1 - 8/15								
NY/NJ Chan: Perth Amboy	Mechanical	250,000	HARS/ Upland	28-April-14	28-May-14	12-Jun-14	N	2/1 – 7/31								

FY14 New Work Dredging Program & Other Work



																		cilite
	Dredge	SB			Env.		2013				2	014						
Project	Type Quantity (CY) Placement Site Advertise Bid Opening Award		Award	Set -Aside (Y/N)	No-Work Windows	ОСТ	NOV DEC	JAN	FEB	MAR	APR	MAY	JUN J	UL A	.UG S			
Harbor Deepeni	ng																	
Arthur Kill, S-AK-3, incl PE, KVK	Mechanical	1,320,800	Upland, HARS, & Reef	27-Aug-12	5-Dec-12	31-Jan-13	N	15 Mar – 31 May		→								
SRUC (S-SR-1)	Mechanical	474,150	HARS	31-May-13	1-July-13	26-July-13	N	1 Feb – 31 May]								
SRUC (S-SR-2)	Mechanical	722,560	HARS	19-July-13	22-Aug-13	24-Sep-13	N	15 Nov – 31 May										
Other Projects		·			1			,										
WOSI PL84-99, NY	Hopper	450,000	Beach	21-Jul-13	20-Aug-13	27-Aug-13	N	15 Jan – 30 Sep		—								
Westhampton Interim, NY	Pipeline/ Hopper	1,008,000	Beach	16-Sep-13	18-Oct-13	9-Dec-13	N	15 Jan – 15 May										
Port Monmouth, NJ	Hopper	391,000	Beach	16-Dec-13	30-Jan-14	12-feb-14	N	N/A										
Atlantic Coast of NJ: Sea Bright to Monmouth		2,175,000	Beach	30-Apr-13	11-Jun-13	19-Jun-13	N	15 Mar – 31 Aug		→								
Atlantic Coast of NJ: Belmar to Manasquan	Hopper	1,500,000	Beach	4-Jun-13	9-Jul-13	24-Jul-13	N	15 Mar – 31 Aug]					
Atlantic Coast of NJ: Long Branch	Hopper	3,300,000	Beach	12-Jun-13	2-Aug-13	15-Aug-13	N	15 Mar – 31 Aug										
Atlantic Coast of NJ: Asbury Park to Avon	Hopper	1,200,000	Beach	2-Aug-13	18-Sep-13	27-Sep-13	N	15 Mar – 31 Aug										
Raritan to Sandy Hook, Keansburg, NJ	Hopper	1,135,000	Beach	3-Apr-13	3-Jul-13	16-Sep-13	N	15 Mar – 31 Aug							1			
Mattituck Inlet, NY	Pipeline	100,000	Beach	10-Oct-13	12-Nov-13	15-Nov-13	N	15 Jan – 30 Sep										

FY15-FY18 O&M, New Work Dredging Program & Other Work



				CD.	F		FY	'15			FY	/16			F۱	/17			FY	18	
Project	Dredge Type	Quantity (CY)	Placement Site	SB Set -Aside (Y/N)	Env. No-Work Windows	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qt
Maintenance Dredgin	g																				
Buttermilk Channel	Mechanical	91K	Processing/ Upland	N	15 Nov – 31 May																
East Rockaway	Pipeline/ Hopper	150-200K	Beach	N	1 Apr – 30 Sep																
New York Harbor: Sandy Hook Channel	Mechanical	150K	HARS	N	1 Jan – 31 May																
Hudson River: Castleton to New Baltimore Reach	Hopper	150K	Upland	N	1 Mar – 1 Aug																
Jamaica Bay	Hopper	400K	Upland / Beach, HARS	N	N/A																
Fire Island Inlet, NY	Pipeline	1,000K	Beach	Υ	15 Jan – 30 Sep																
East River	Mechanical	400K	HARS	N	1 Jul – 30 Sep																
Moriches Inlet	Pipeline	250K	Beach	N	15 Jan – 30 Sep																
Newark Bay	Mechanical	100-150K	Processing/ Upland	N	1 Feb – 31 May																
NY & NJ Channels	Mechanical	60-200K	HARS, Processing/ Upland	N	15 Nov – 15 Jul																
Shinnecock Inlet, NY	Pipeline	400k	Beach	N	15 Jan – 30 Sep																
Port Jersey Channel	Mechanical	70K	Processing/ Upland	N	1 Feb – 31 May																
Harbor Deepening																					
Arthur Kill, S-AK-3	Mechanical	1,223K	Upland, HARS, & Reef	N	15 Mar – 31 May																
Arthur Kill, S-AK-4 (40 ft)	Mechanical	538K	Upland, HARS, & Reef	N	15 Mar – 31 May																
Other Projects																					
Sandy Hook to Barnegat	Hopper	1,000K	Beach	N	1 Apr – 1 Nov																
Westhampton Interim	Pipeline/ Hopper	200K	Beach	N	15 Jan – 15 May																
Port Monmouth, NJ	Hopper	392K	Beach	N	TBD																

Fire Island Inlet, NY



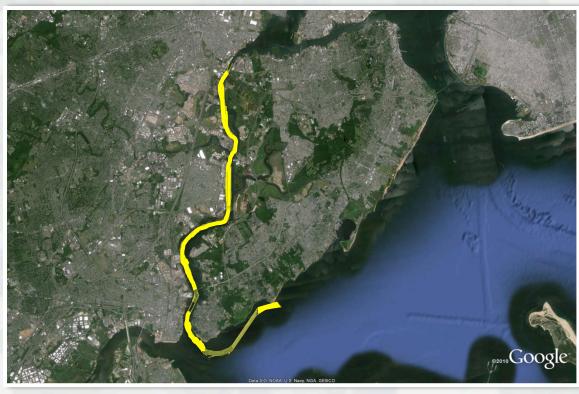
QUANTITY TO BE DREDGED:	1,909,000 CY
CONTRACT DEPTH:	16 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2007
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 April – 15 August

NY Harbor: Red Hook Flats Anchorage



QUANTITY TO BE DREDGED:	970,000 CY
CONTRACT DEPTH:	45 ft (+2 ft Overdepth) 40 ft (+2 ft Overdepth) and 35 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand, Silt & Clay
LAST DREDGED:	2001
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS
ISSUES:	No Work Windows: 1 February - 31 May

NY & NJ Channels: Arthur Kill, Seguine Point and Ward Point Bend



QUANTITY TO BE DREDGED:	713,000 CY
CONTRACT DEPTH:	35 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand, Silt & Clay
LAST DREDGED:	2004 & 2008
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS and Processing/ Upland
ISSUES:	No Work Windows: 15 November - 15 July

New York Harbor: Sandy Hook Channel



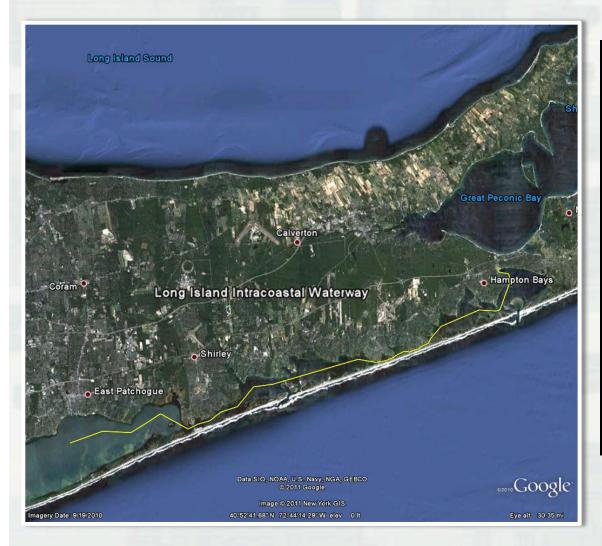
QUANTITY TO BE DREDGED:	230,000
CONTRACT DEPTH:	35 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2012
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS
ISSUES:	No Work Windows: 15 Jan – 31 March

Jones Inlet, NY



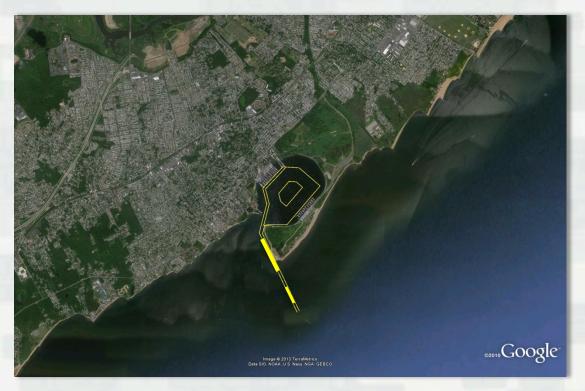
QUANTITY TO BE DREDGED:	650,000
CONTRACT DEPTH:	14 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2008
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 31 March – 30 September

Long Island Intracoastal Waterway, NY



QUANTITY TO BE DREDGED:	30,000 CY
CONTRACT DEPTH:	6 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2012
EQUIPMENT:	Pipeline Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January - 30 September

Great Kills Harbor, NY



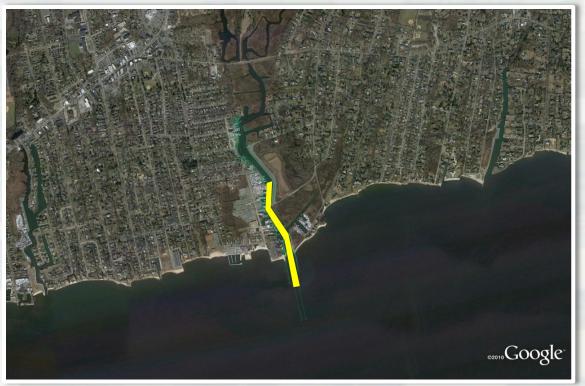
QUANTITY TO BE DREDGED:	250,000
CONTRACT DEPTH:	10 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2002-2003
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 1 January – 31 May

Bay Ridge and Red Hook Channels, NY



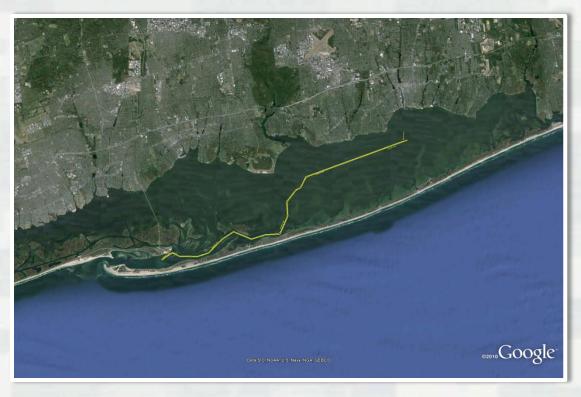
QUANTITY TO BE DREDGED:	125,000
CONTRACT DEPTH:	34 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Silty Sand
LAST DREDGED:	1989
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS or Upland
ISSUES:	No Work Windows: 1 February – 31 May

Browns Creek, NY



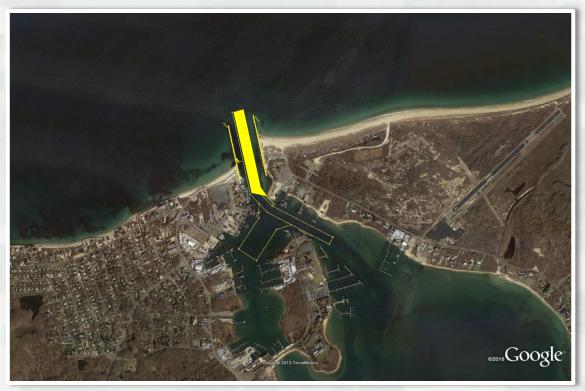
20,000 CY
6 ft (+2 ft Overdepth) and 4 ft (+2 ft Overdepth)
Sand, Silt and Clay
2005
Pipeline
Upland
No Work Windows: 1 June – 30 September

Great South Bay, NY



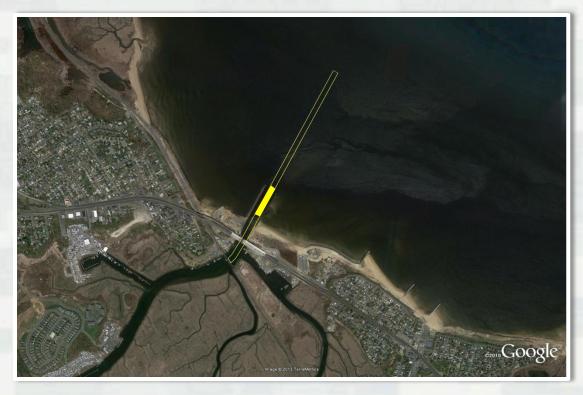
QUANTITY TO BE DREDGED:	100,000 CY
CONTRACT DEPTH:	10 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	1992
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January – 30 September

Lake Montauk Harbor, NY



QUANTITY TO BE DREDGED:	15,000 CY
CONTRACT DEPTH:	12 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2011
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January – 30 September

Cheesequake Creek, NJ



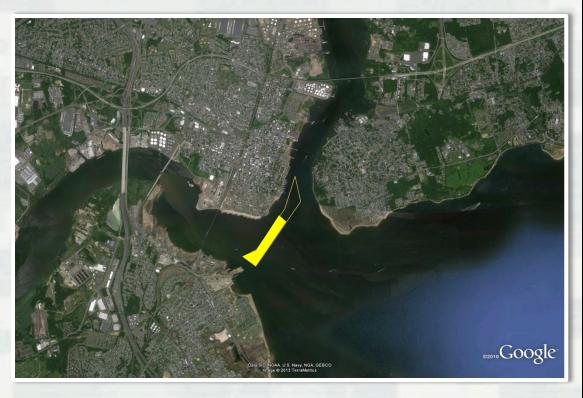
QUANTITY TO BE DREDGED:	10,000 CY
CONTRACT DEPTH:	5 ft (+2 ft Overdepth) 4 ft (+2 ft Overdepth) and 3 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	1988-1989 (By State of NJ)
EQUIPMENT:	Mechanical
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 15 November – 31 May

Newark Bay, NJ



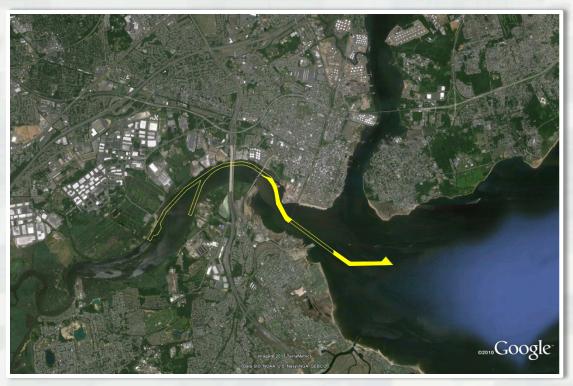
QUANTITY TO BE DREDGED:	200,000 CY
CONTRACT DEPTH:	40 ft (+1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Silt and Clay
LAST DREDGED:	2008
EQUIPMENT:	Mechanical
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 February – 31 May (portion of Main Channel only)

Raritan River to Arthur Kill Cut-Off



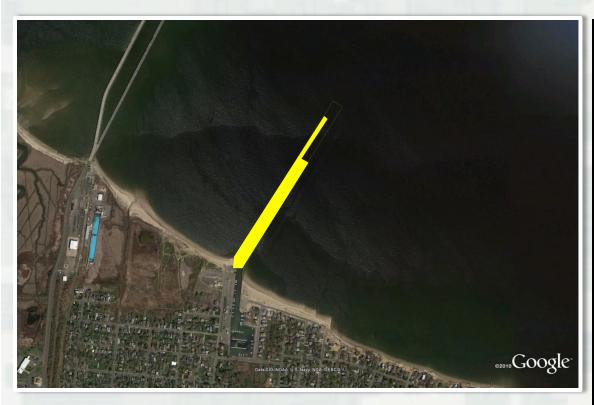
QUANTITY TO BE DREDGED:	270,000 CY
CONTRACT DEPTH:	20 ft (+ 2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Silt and Clay
LAST DREDGED:	2000
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS
ISSUES:	No Work Windows: TBD

Raritan River, NJ



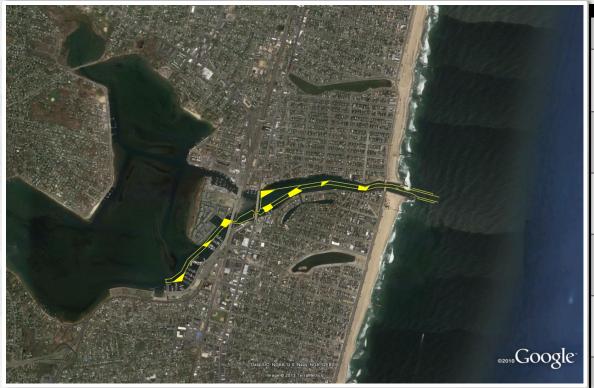
QUANTITY TO BE DREDGED:	178,000 CY
CONTRACT DEPTH:	24 ft (+1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Silt and Clay
LAST DREDGED:	2008
EQUIPMENT:	Mechanical
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 15 Nov – 30 June

Sandy Hook Bay at Leonardo, NJ



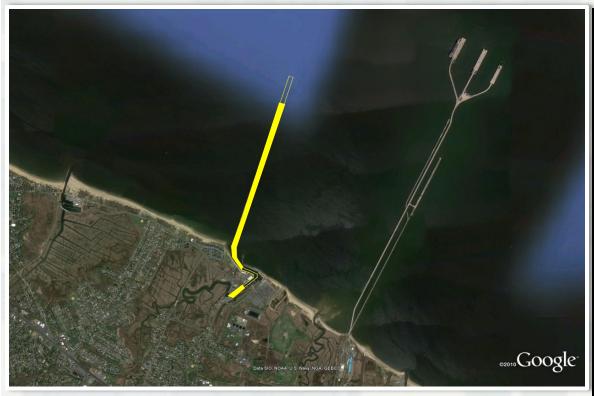
QUANTITY TO BE DREDGED:	45,000 CY
CONTRACT DEPTH:	8 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Gravel, Sand, Silt and Clay
LAST DREDGED:	1991
EQUIPMENT:	Pipeline/Mechanical
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: TBD

Shark River, NJ



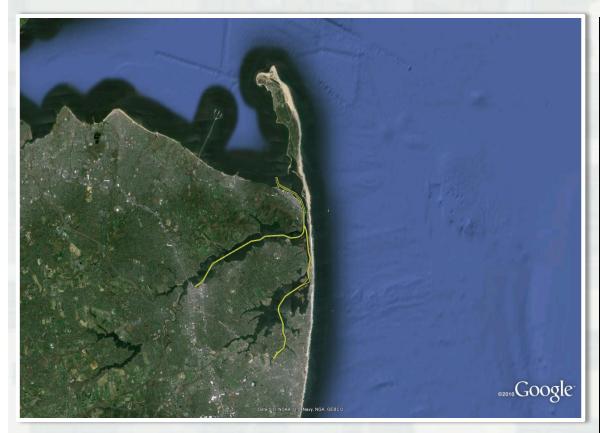
QUANTITY TO BE DREDGED:	187,000 CY
CONTRACT DEPTH:	12 ft (+2 ft Overdepth) and 8 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2008
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 1 January – 31 May

Shoal Harbor and Compton Creek, NJ



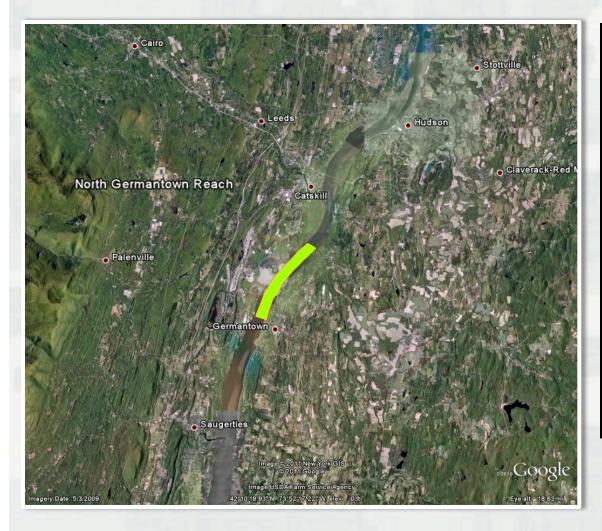
QUANTITY TO BE DREDGED:	150,000 CY
CONTRACT DEPTH:	12 ft (+2 ft Overdepth) and 8 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	1998
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 November – 31 May

Shrewsbury River, NJ



QUANTITY TO BE DREDGED:	120,000 CY
CONTRACT DEPTH:	12 ft (+2 ft Overdepth) 9 ft (+2 ft Overdepth) and 6 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2011
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 1 January – 31 May

Hudson River: North Germantown Reach, NY



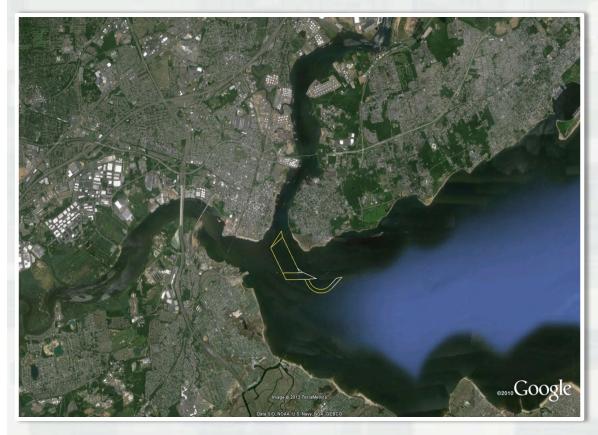
QUANTITY TO BE DREDGED:	186,000 CY
CONTRACT DEPTH:	32 ft (+ 1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2001
EQUIPMENT:	Hopper Dredge
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 March - 15 August

Hudson River, NY



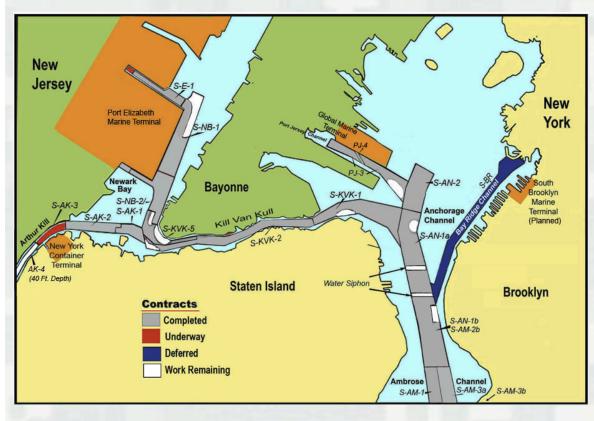
QUANTITY TO BE DREDGED:	200,000 CY – 270,000 CY
CONTRACT DEPTH:	32 ft (+ 1 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	1998 and 2001
EQUIPMENT:	Hopper Dredge
PLACEMENT SITES:	Upland
ISSUES:	No Work Windows: 1 March - 15 August

NY/NJ Channels: Perth Amboy



QUANTITY TO BE DREDGED:	621,000 CY (If HARS) 357,000 CY (If Upland)
CONTRACT DEPTH:	37 + 2 (If HARS) 35 + 2 (If Upland)
TYPE OF DREDGED MATERIAL:	Silt & Clay
LAST DREDGED:	November 2001
EQUIPMENT:	Mechanical
PLACEMENT SITES:	HARS / Upland
ISSUES:	No Work Windows: 1 Feb – 31 July

NY & NJ 50' Harbor Deepening Project

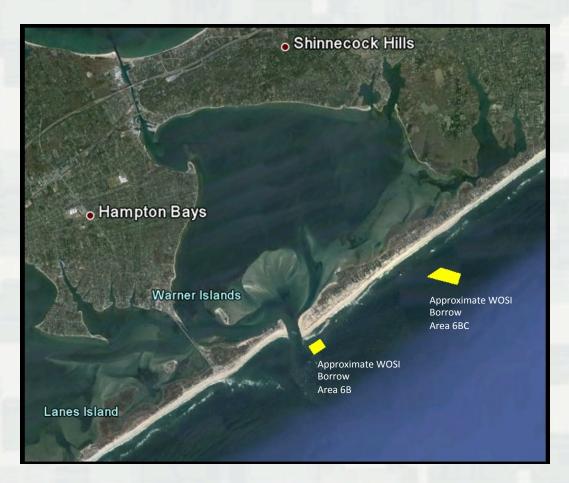


DESCRIPTION:	Channel deepening from 40-45 ft to 50 ft
DREDGED MATERIAL:	Sand, Silt, Clay, Glacial Till, and Rock
EQUIPMENT:	Mechanical & Hopper Dredges
PLACEMENT SITES:	HARS, Upland, Reef Site
OTHER:	Blasting Required. Beneficial use of dredged material opportunities/partnering
PARTNER	Cost-shared with the Port Authority NY & NJ

CONTRACT	STATUS	AWARD(ED)	CUBIC YARD
Kill Van Kull Contract 2	Complete	-	-
Ambrose Contract 2a	Complete	-	-
Port Elizabeth Channel	Complete	-	-
Newark Bay Contract 1	Complete	-	-
Kill Van Kull Contract 1	Complete	-	-
Anchorage, Contract 1b	Complete	-	-
Ambrose, Contract 2b	Complete	-	-
Anchorage, Contract 2	Complete	-	-
Port Jersey, Contract 4	complete	-	-
Newark Bay, Contract 2	complete	-	
Arthur Kill, Contract 1	complete	-	
Ambrose, Contract 3a	complete	-	
Ambrose, Contract 3b	complete	-	
Arthur Kill, S-AK-3	On-Going	Jan 13	1.32 Million
SRUC, S-SR-1	On-Going	Oct 13	474,150
SRUC, S-SR-2	On-Going	Sep 13	722,560

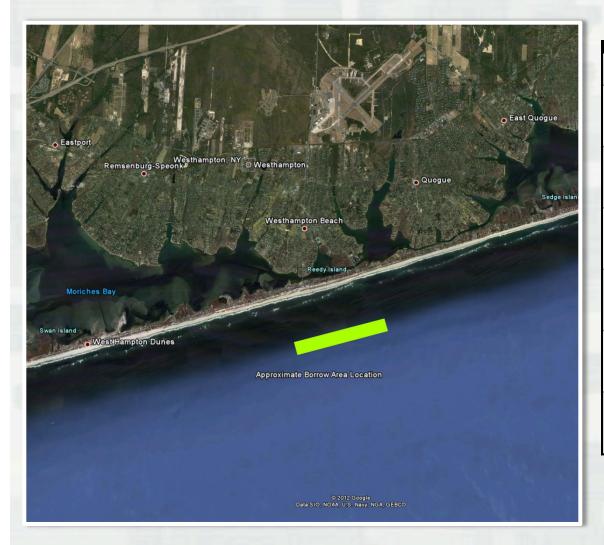
NOTE: Ambrose Channel Contracts Not Shown; SRUC Contract includes "clean up" dredging of other reaches throughout the Harbor Deepening Project

West of Shinnecock Inlet (WOSI) PL84-99, NY



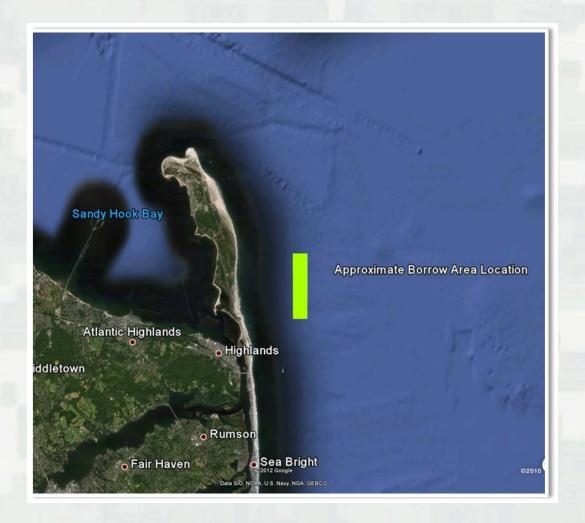
QUANTITY TO BE DREDGED:	450,000 CY
CONTRACT DEPTH:	Maximum 58ft
TYPE OF DREDGED MATERIAL:	SAND
LAST DREDGED:	N/A
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: TBD

Westhampton Interim, NY



QUANTITY TO BE DREDGED:	1,008,000 CY
CONTRACT DEPTH:	85 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	2009
EQUIPMENT:	Pipeline / Hopper Dredge
PLACEMENT SITES:	Beach
ISSUES:	No Work Windows: 15 January - 15 May

Port Monmouth, NJ



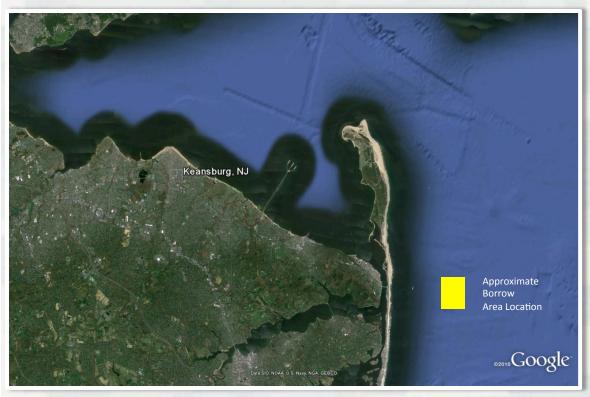
QUANTITY TO BE DREDGED:	391,000 CY
CONTRACT DEPTH:	56 ft/63 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	N/A
EQUIPMENT:	Hopper
PLACEMENT SITES:	Beach
ISSUES:	N/A

Atlantic Cost of New Jersey: Sea Bright to Manasquan



QUANTITY TO BE DREDGED:	8,175,000 CY
CONTRACT DEPTH:	Maximum 68 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	N/A
EQUIPMENT:	Hopper
PLACEMENT SITES:	Beach
ISSUES:	No Work Environmental Window: 15 March – 31 August

Raritan Bay to Sandy Hook, Keansburg NJ



QUANTITY TO BE DREDGED:	1,136,000
CONTRACT DEPTH:	Maximum 71 ft
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	N/A
EQUIPMENT:	Hopper
PLACEMENT SITES:	Beach
ISSUES:	No Work Environmental Window: 15 March – 31 August

Mattituck Inlet, NY



QUANTITY TO BE DREDGED:	100,000
CONTRACT DEPTH:	11 ft (+2 ft Overdepth)
TYPE OF DREDGED MATERIAL:	Sand
LAST DREDGED:	N/A
EQUIPMENT:	Pipeline
PLACEMENT SITES:	Beach
ISSUES:	No Work Environmental Window: 15 January – 30 September